| EFS ID:                              | 2272966   |  |  |
|--------------------------------------|---|--|--|
| Application Number:                  | 10782316  |  |  |
| International Application Number:    |   |  |  |
| Confirmation Number:                 | 7621  |  |  |
| Title of Invention:                  | Joint, adaptive control of equalization, synchronization, and gain in a digital communications receiver |  |  |
| First Named Inventor/Applicant Name: | Thomas J. Endres  |  |  |
| Customer Number:                     | 23370   |  |  |
| Filer:                               | Jason Delmon Gardner/Gina Hamrick   |  |  |
| Filer Authorized By:                 | Jason Delmon Gardner  |  |  |
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| Application Type:                    | Utility under 35 USC 111(a)   |  |  |

# Payment information:

| Submitted with Payment                   | yes    |
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| Payment was successfully received in RAM | \$ 525 |
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| Document | Document Description | File Name                      | File Size(Bytes) | Multi           | Pages      |            |
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| Number   | Document Description | Document Description File Name | File Name        | /Message Digest | Part /.zip | (if appl.) |

| 1           |   | 283640_Amendment_and_R       | 111404                                       | Ves   | 8 |  |  |  |  |
|-------------|---|------------------------------|--|-------|---|--|--|--|--|
|             |   | esponse.pdf                  | 05be6749978db6aea12b08bc74ef53a1<br>9921aa50 | yes   | 0 |  |  |  |  |
|             | Multipart Description/PDF files in .zip description |                              |  |       |   |  |  |  |  |
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|             | Amendment - After Non-Final Rejection               |                              | 1  | 1     |   |  |  |  |  |
|             | Claims  |                              | 2  | 3     |   |  |  |  |  |
|             | Applicant Arguments/Remarks Made in an Amendment    |                              | 4  | 8     |   |  |  |  |  |
| Warnings:   | Warnings:   |                              |  |       |   |  |  |  |  |
| Information | :   |                              |  |       |   |  |  |  |  |
| 2           | Extension of Time                                   | 283640 PTOSB22.pdf           | 114694                                       | no    | 2 |  |  |  |  |
| 2           | Extension of Time                                   | 2000 10_1 100B2E.pui         | 360029166b4b361edf7c7632ccefb571<br>a02fd67c | 110   |   |  |  |  |  |
| Warnings:   |   |                              |  |       | • |  |  |  |  |
| Information | :   |                              |  |       |   |  |  |  |  |
| 3           | Fee Worksheet (PTO-06)                              | fee-info.pdf                 | 8199   | no    | 2 |  |  |  |  |
|             | Too Workerson (1 10 00)                             | ioo iiio.pai                 | a0e701a537a81a8665c782a2346ba25<br>ac29d8fb9 | 110   | _ |  |  |  |  |
| Warnings:   |   |                              |  |       |   |  |  |  |  |
| Information | :   |                              |  |       |   |  |  |  |  |
|             |   | Total Files Size (in bytes): | 23   | 34297 |   |  |  |  |  |
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.